

WE CLAIM:

1. An electrical connector comprising:

5 a dielectric housing having a bottom wall that has opposite lateral sides, opposite lateral walls, each of which extends uprightly from a respective one of said lateral sides of said bottom wall and has an upper wall portion and a lower wall portion, and a partition wall parallel to and disposed above said bottom wall, said partition wall extending between said lateral walls and
10 having opposite lateral ends, each of which is connected to a junction of said upper and lower wall portions of a respective one of said lateral walls, said partition wall cooperating with said lower wall portions of said lateral walls and said bottom wall so as to confine a
15 first card receiving space, said dielectric housing further having a front open side for access into said first card receiving space, and a rear side;

a cover plate mounted on said lateral walls and disposed above said partition wall of said dielectric
20 housing such that said cover plate cooperates with said upper wall portions of said lateral walls and said partition wall so as to confine a second card receiving space;

a set of first conductive terminals disposed on said
25 bottom wall of said dielectric housing, each of said first conductive terminals having a first coupling end portion extending outwardly of one of said front open

side and said rear side of said dielectric housing, and a first contacting end portion opposite to said first coupling end portion and projecting into said first card receiving space; and

- 5 a set of second conductive terminals disposed on said partition wall of said dielectric housing, each of said second conductive terminals having a second coupling end portion extending outwardly of said rear side of said dielectric housing, and a second contacting end
- 10 portion opposite to said second coupling end portion and projecting into said second card receiving space.
2. The electrical connector as claimed in Claim 1, wherein said bottom wall of said dielectric housing is formed with a plurality of terminal mounting grooves,
- 15 each of said first conductive terminals being mounted in a corresponding one of said terminal mounting grooves.
3. The electrical connector as claimed in Claim 1, wherein said partition wall of said dielectric housing is formed with a plurality of terminal mounting grooves,
- 20 each of said second conductive terminals being mounted in a corresponding one of said terminal mounting grooves.
4. The electrical connector as claimed in Claim 1, wherein said dielectric housing further has a rear wall disposed at said rear side and formed with a plurality
- 25 of mounting holes that respectively permit extension of said first coupling end portions of said first conductive terminals and said second coupling end

portions of said second conductive terminals.

5 5. The electrical connector as claimed in Claim 1,
wherein said first coupling end portions of said first
conductive terminals extend outwardly of said front open
side of said dielectric housing, said dielectric housing
further having a rear wall disposed at said rear side
and formed with a plurality of mounting holes that
respectively permit extension of said second coupling
end portions of said second conductive terminals
10 outwardly of said rear side of said dielectric housing.

6. The electrical connector as claimed in Claim 1,
wherein each of said cover plate, said partition wall
and said bottom wall has a front end formed with a notch.

15 7. The electrical connector as claimed in Claim 6,
wherein said first coupling end portions of said first
conductive terminals extend outwardly of said front open
side of said dielectric housing and through said notch
in said bottom wall.

20 8. The electrical connector as claimed in Claim 1,
wherein said cover plate is formed with a pair of
downwardly extending lateral flanges that flank said
lateral walls of said dielectric housing.

25 9. The electrical connector as claimed in Claim 8,
wherein each of said lateral flanges of said cover plate
is formed with a set of first engaging members, each
of said lateral walls of said dielectric housing being
formed with a set of second engaging members

corresponding to said first engaging members on said lateral flanges of said cover plate, said second engaging members on said lateral walls of said dielectric housing engaging respectively and releasably said first
5 engaging members on said lateral flanges of said cover plate.

10. The electrical connector as claimed in Claim 9, wherein said first engaging members are holes, and said second engaging members are projections.

10 11. The electrical connector as claimed in Claim 8, wherein said cover plate is made of metal, and each of said lateral flanges is formed with a grounding contact portion.

12. The electrical connector as claimed in Claim 1,
15 wherein said cover plate is formed with a plurality of resilient clamping pieces that project into said second card receiving space.

13. The electrical connector as claimed in Claim 1,
20 wherein said first and second card receiving spaces have different widths so as to be adapted to accommodate different sizes of electronic cards therein.